

1 ttttttttttttgag ATG GAG TTT TCG CTC TTG TIG CCC AGG CTG GAG TGC AAT GGC GCA ATC 62
 1 M E F S L L L P R L E C N G A I 16
 63 TCA GCT CAC CGC AAC CTC CGC CTC CCG GGT TCA AGC GAT TCT CCT GCC TCA GCC TCC CCA 122
 17 S A H R N L R L P G S S D S P A S A S P 36
 123 GTA GCT GGG ATT ACA GGC ATG TGC ACC CAC GCT CGG CTA ATT TTG TAT TTT TTT TTA GTA 182
 37 V A G I T G M C T H A R L I L Y F F L V 56
 183 GAG ATG GAG TTT CTC CAT GTT GGT CAG GCT GGT CTC GAA CTC CCG ACC TCA GAT GAT CCC 242
 57 E M E F L H V G Q A G L E L P T S D D P 76
 243 TCC GTC TCG GCC TCC CAA AGT GCT AGA TAC AGG ACT GGC CAC CAT GCC CGG CTC TGC CTG 302
 77 S V S A S Q S A R Y R T G H A R L C L 96
 303 GCT AAT TTT TGT GGT AGA AAC AGG GTT TCA CTG ATG TGC CCA AGC TGG TCT CCT GAG CTC 362
 97 A N F C G R N R V S L M C P S W S P E L 116
 363 AAG CAG TCC ACC TGC CTC AGC CTC CCA AAG TGC TGG GAT TAC AGG CGT GCA GCC GTG CCT 422
 117 K Q S T C L S L P K C W D Y R R A A V P 136
 423 GGC CTT TTT ATT TTA TTT TTT TTA AGA CAC AGG TGT CCC ACT CTT ACC CAG CAT GAA GTG 482
 137 G L F I L F F L R H R C P T L T Q D E V 156

FIG. 1A

483 CAG TGG TGT GAT CAC AGC TCA CTG CAG CCT TCA ACT CCT GAG ATC AAG CAT CCT CCT GCC 542
 157 Q W C D H S S L Q P S T P E I K H P P A 176

 543 TCA GCC TCC CAA GTA GCT GGG ACC AAA GAC ATG CAC CAC TAC ACC TGG CTA AIT TTT AIT 602
 177 S A S Q V A G T K D M H H Y T W L I F I 196

 603 TTT AIT TTT AAT TTT TTG AGA CAG AGT CTC AAC TCT GTC ACC CAG GCT GGA GTG CAG TGG 662
 197 F I F N F L R Q S L N S V T Q A G V Q W 216

 663 CGC AAT CTT GGC TCA CTG CAA CCT CTG CCT CCC GGG TTC AAG TTA TTC TCC TGC CCC AGC 722
 217 R N L G S L Q P L P P G F K L F S C P S 236

 723 CTC CTG AGT AGC TGG GAC TAC AGC CGC CCA CCA CGC CTA GCT AAT TTT TTT GTA TTT TTA 782
 237 L L S S W D Y R R P P R L A N F F V F L 256

 783 GTA GAG ATG GGG TTC ACC ATG TTC GCC AGG TTG ATC TTC ATC TCT GGA CCT TGT GAT CIG 842
 257 V E M G F T M F A R L I L I S G P C D L 276

 843 CCT GCC TCG GCC TCC CAA AGT GCT GGG AIT ACA GGC GTG ACC CAC CAC GCC CGG CTT AIT 902
 277 P A S A S Q S A G I T G V S H H A R L I 296

 903 TTT AAT TTT TGT TTG TTT GAA ATG GAA TCT CAC TCT GTT ACC CAG GCT GGA GTG CAA TGG 962
 297 F N F C L F E M E S H S V T Q A G V Q W 316

FIG. 1B

Appl. No. 09/964,412; Filed: September 28, 2001
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 Inventors: de la Monte *et al.*; Tel: 202/371-2600
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 Effective for the Treatment or Prevention of Alzheimer's Diseases



963	CCA AAT CTC GGC TCA CTG CAA CCT CTG CCT CCC GGG CTC AAG CGA TTC TCC TGT CTC AGC	1022
317	<div style="border: 1px solid black; padding: 2px; display: inline-block;">P N L G S L Q P L P P G L K R F S C L S</div>	336
1023	CTC CCA AGC AGC TGG GAT TAC GGG CAC CTG CCA CAC CCC GCT AAT TTT TGT ATT TTC	1082
337	<div style="border: 1px solid black; padding: 2px; display: inline-block;">L P S S W D Y G H</div> L P P H P A N F C I F	356
1083	ATT AGA GGC GGC GTT TCA CCA TAT TTG TCA GGC TGG TCT CAA ACT CCT GAC CTC AGG tgac	1143
357	I R C G V S P Y L S G W S Q T P D L R	375
1144	ccacctgcctcagccttccaaagtctgggaltacaggcgtgagccacctcaccgcggcgtaatcttagataaaaaaat	1223
1224	atgtagcaatggggggtcttgctatgtgtcccaggtggtctcaacttctggcttcattgcaatccttcccaatgagcca	1303
1304	caacaccagccagtcacatttttaaacagttacatctttatttttagtatactagaagaagtaatacaataaacatgtcaa	1383
1384	acctgcaaattcagtagtaacagagttcttttatataactttttaacaagaagcttttagagca	1442

FIG. 1C

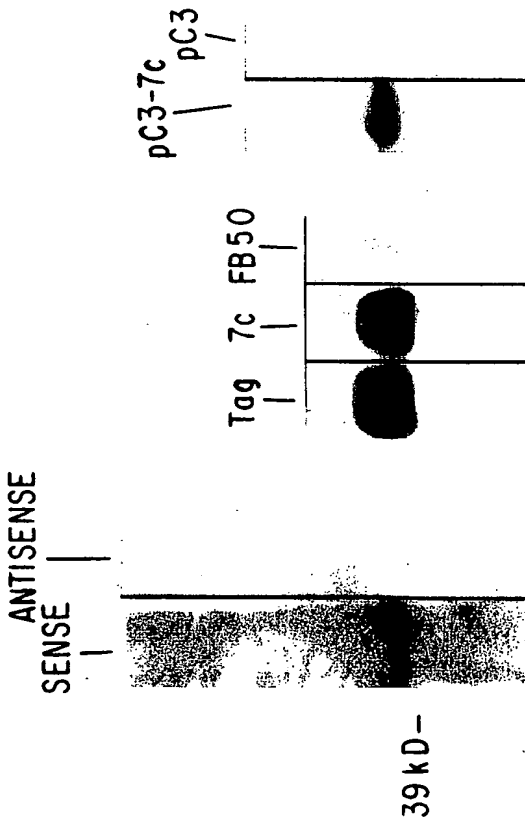
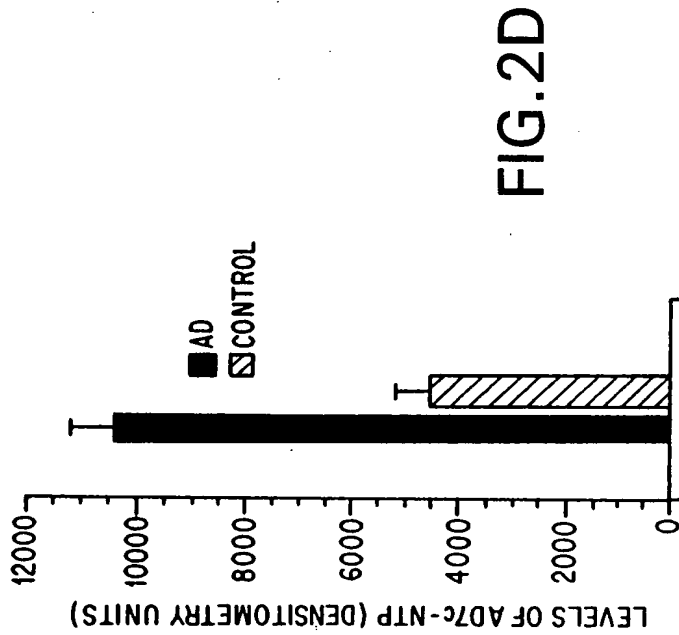
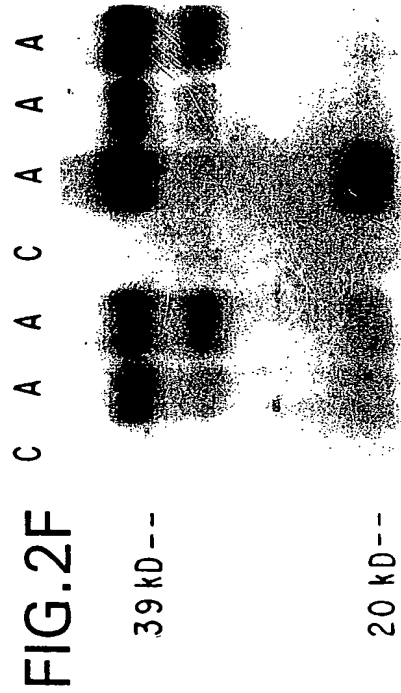
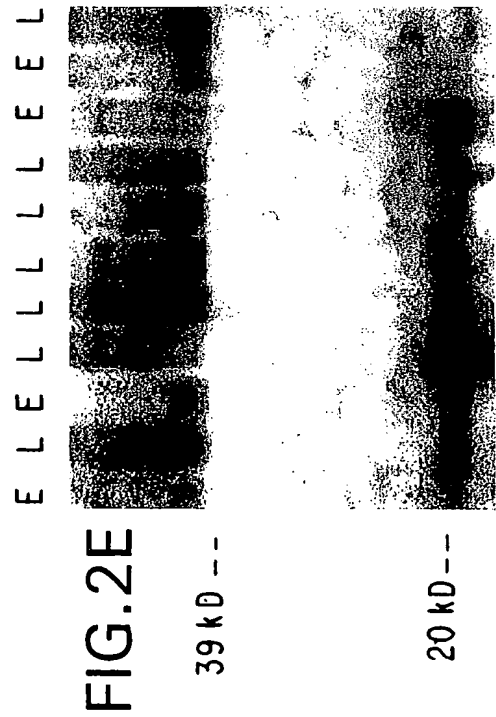


FIG. 2A FIG. 2B FIG. 2C



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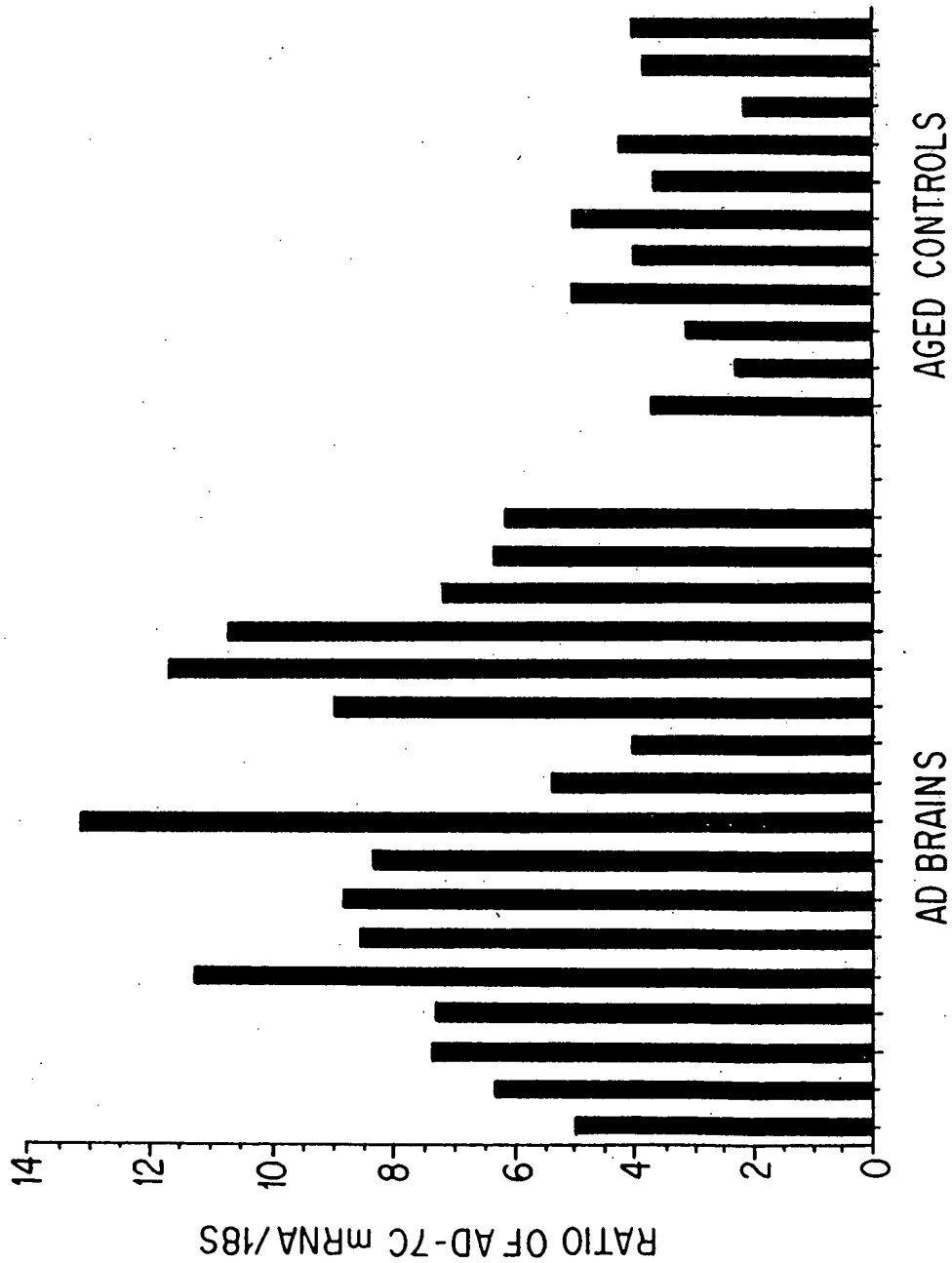
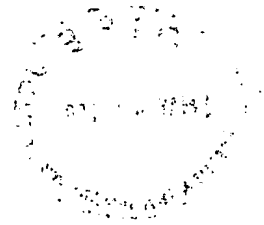


FIG. 3A

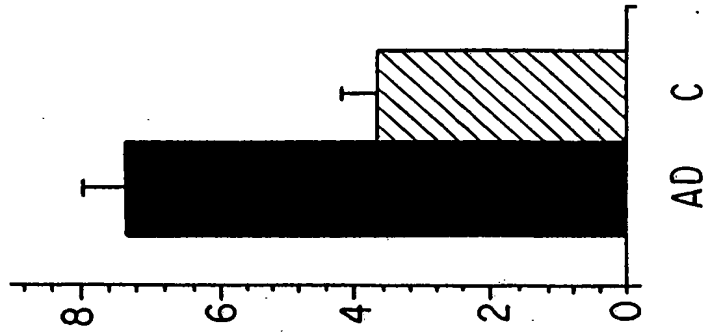


FIG. 3B

Appl. No. 09/964,412; Filed: September 28, 2001
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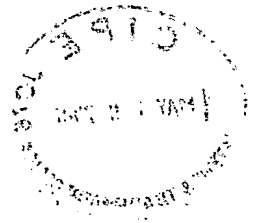


FIG.3C



FIG.3D

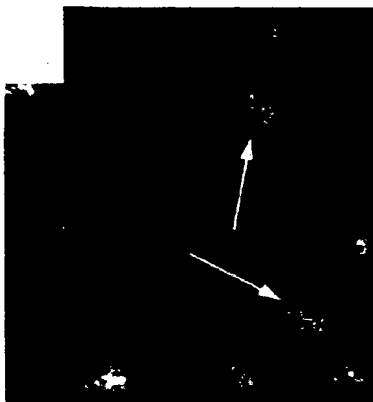


FIG.3E

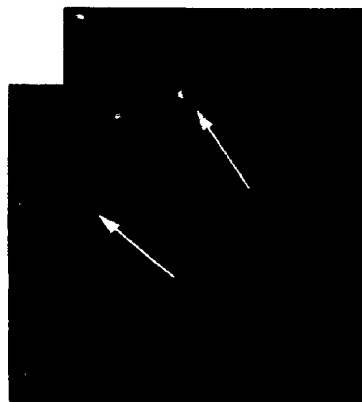


FIG.3F

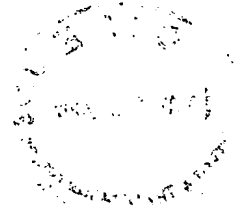


FIG.4D

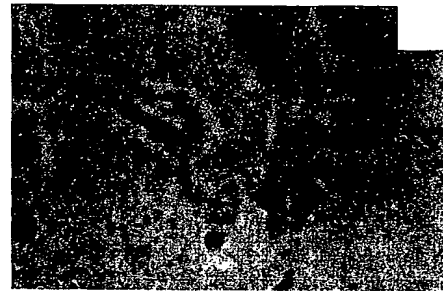
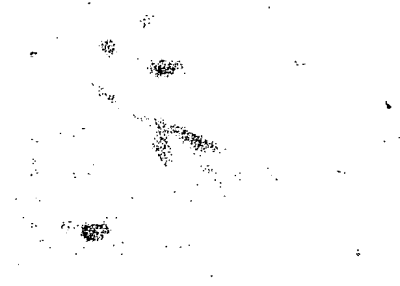


FIG.4H

FIG.4C

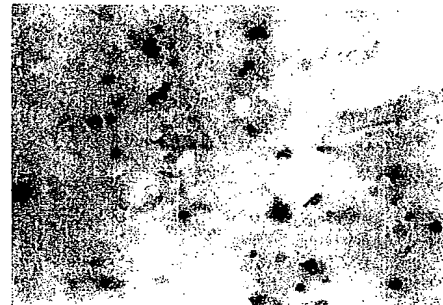
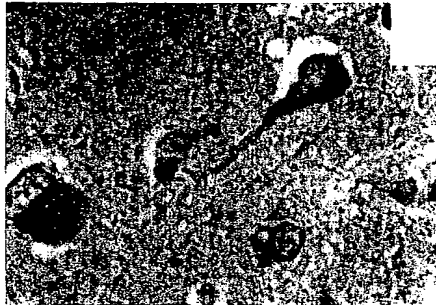


FIG.4G

FIG.4B

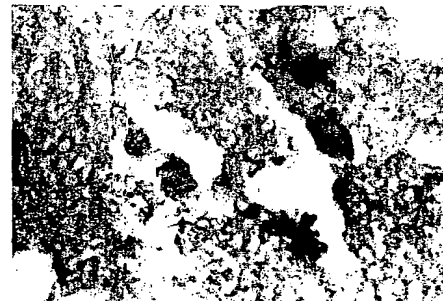
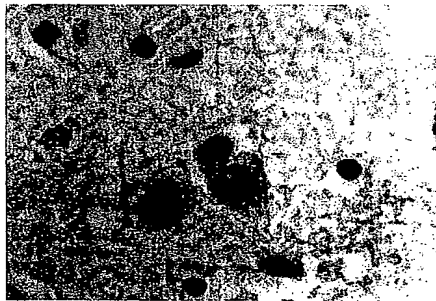


FIG.4F

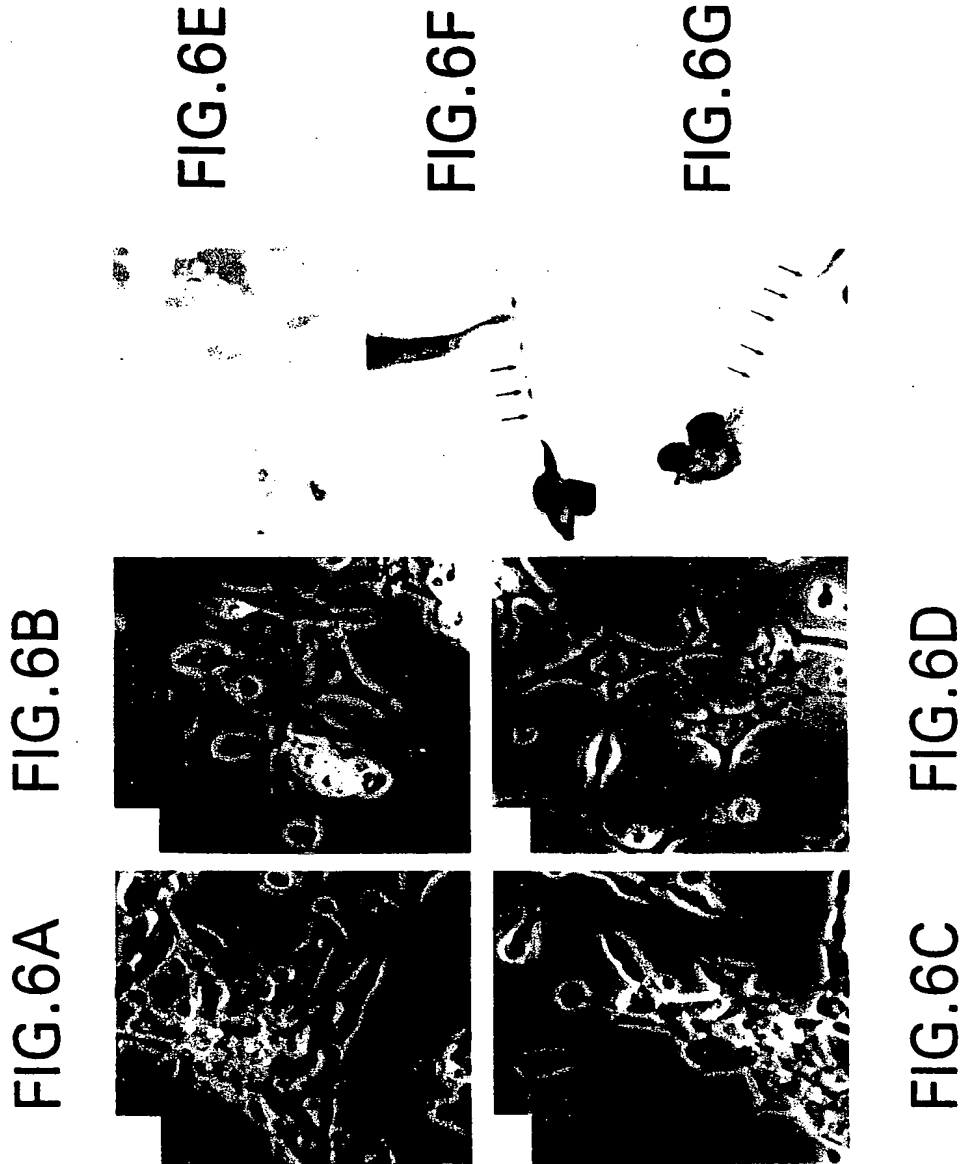
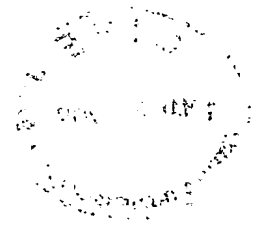
FIG.4A



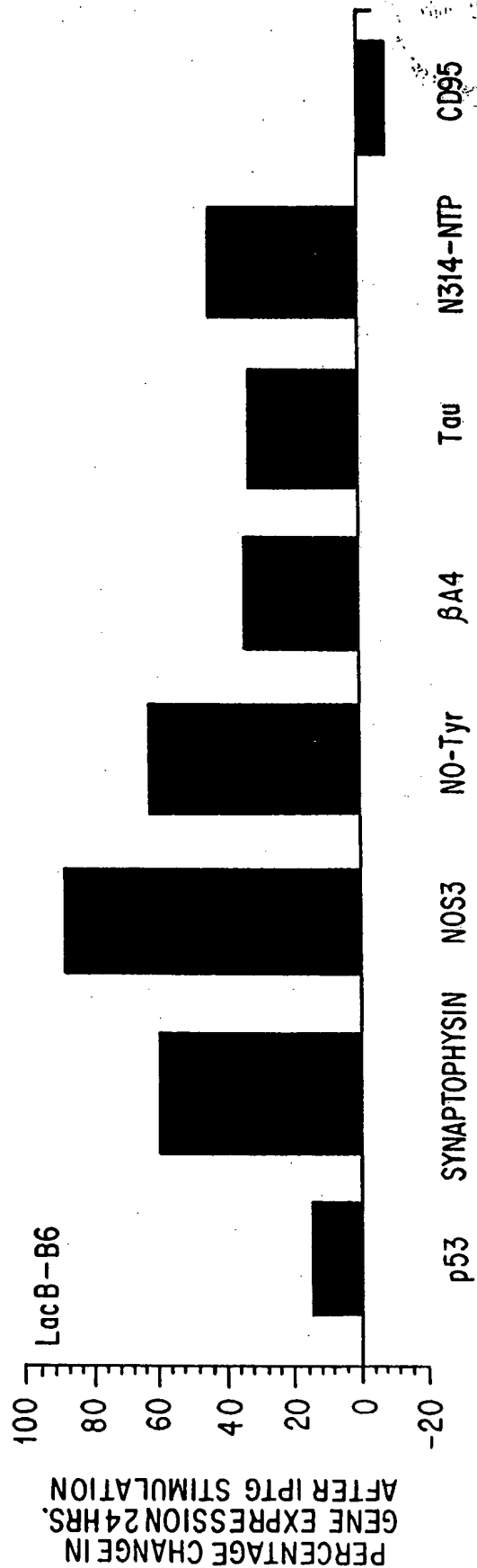
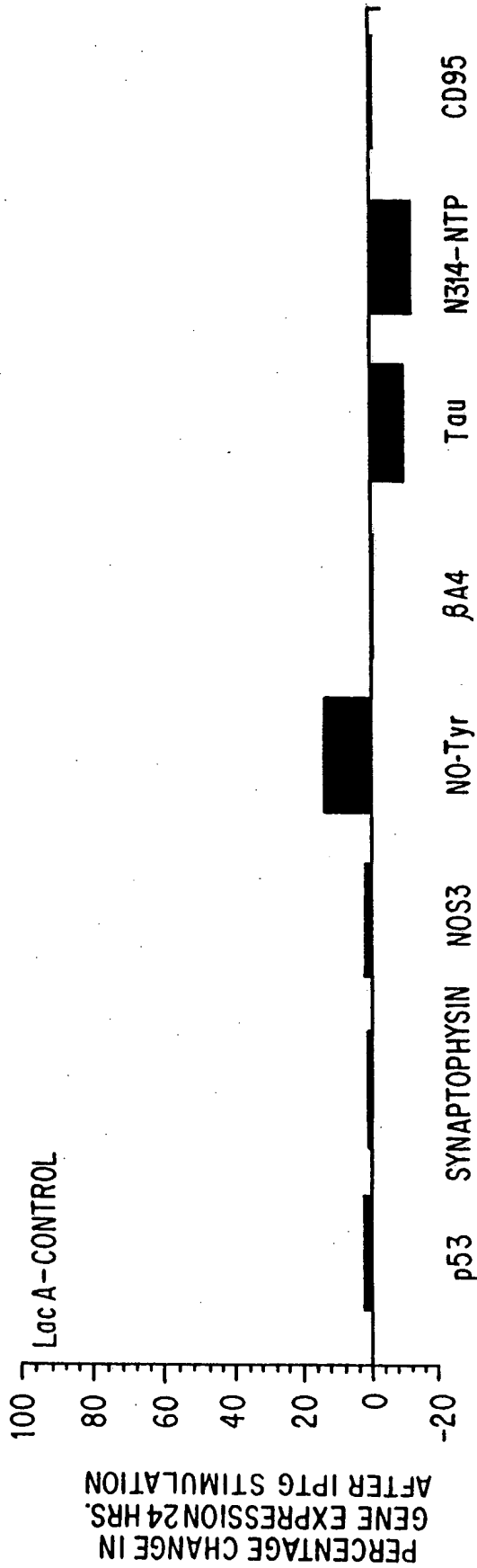
FIG.4E



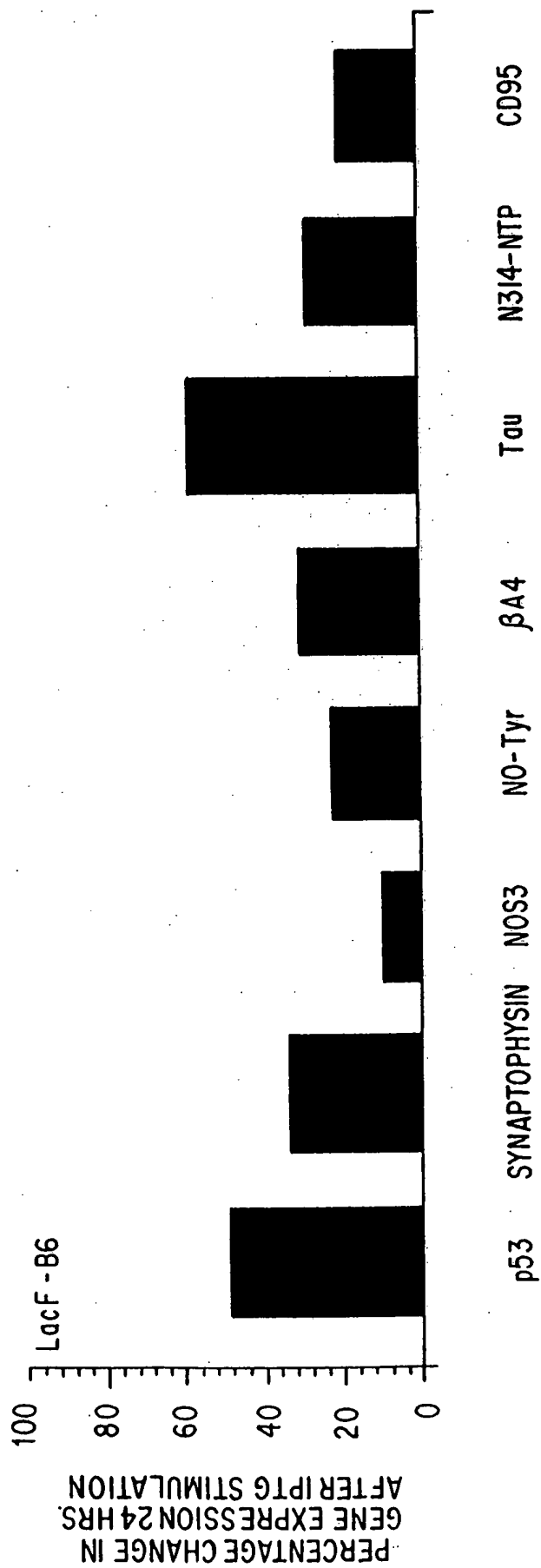
Appl. No. 09/964,412; Filed: September 28, 2001
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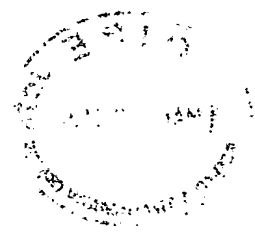


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 ffective for the Treatment or Prevention of Alzheimer's Disease



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% CHANGE WITH IPTG STIMULATION

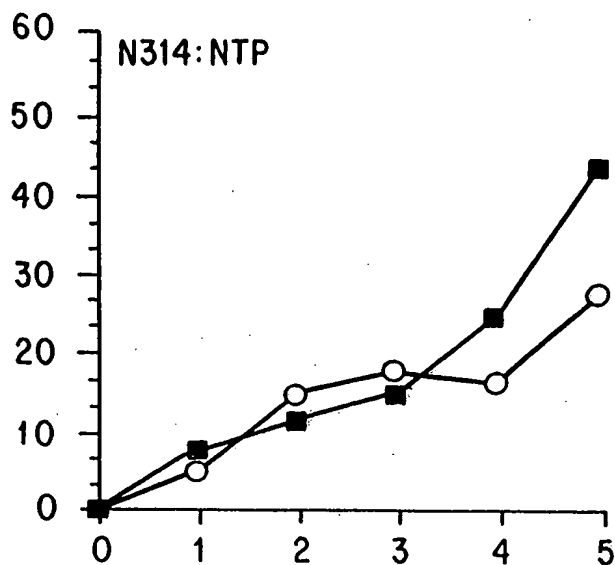


FIG. 8A

% CHANGE WITH IPTG STIMULATION

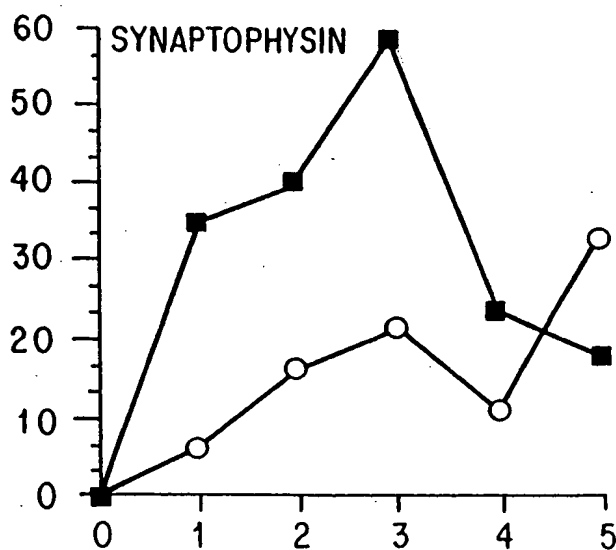


FIG. 8B

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 ventors: de la Monte *et al.*; Tel: 202/371-2600
 title: Transgenic Animals and Cell Lines for Screening Drugs
 ffective for the Treatment or Prevention of Alzheimer's Disease

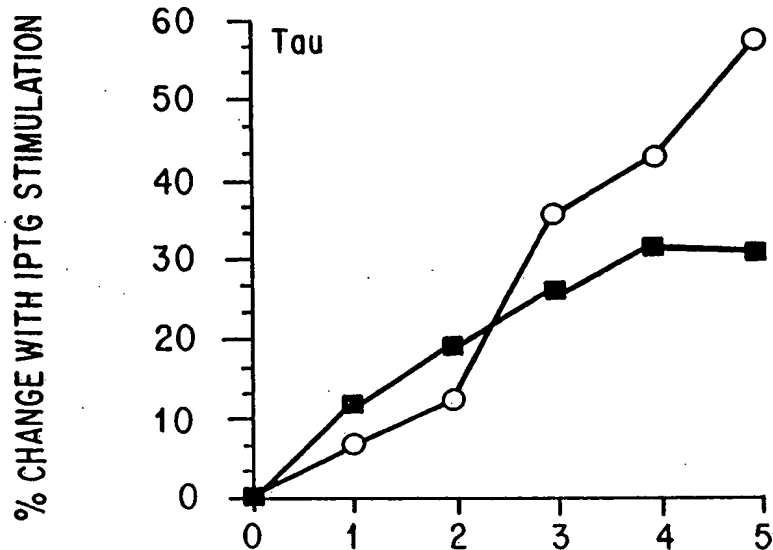
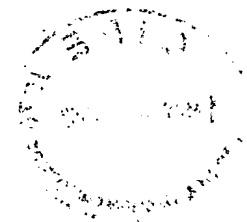


FIG. 8C

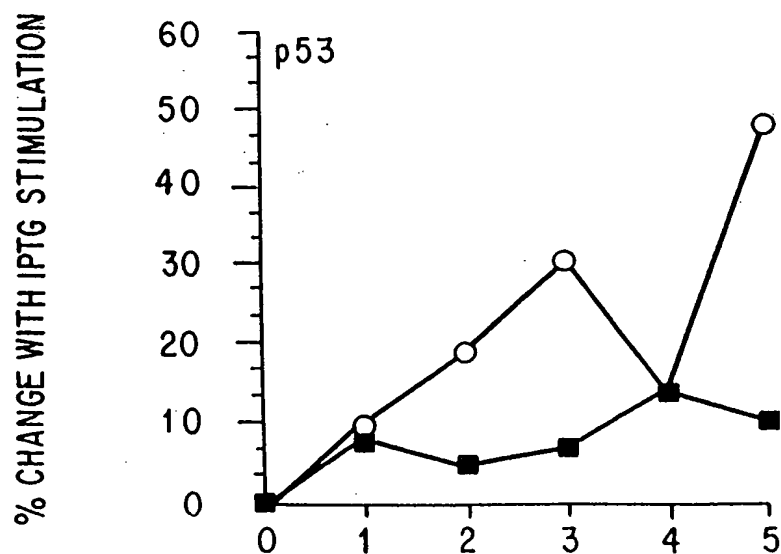


FIG. 8D

Appl. No. 09/964,412; Filed: September 28, 2001
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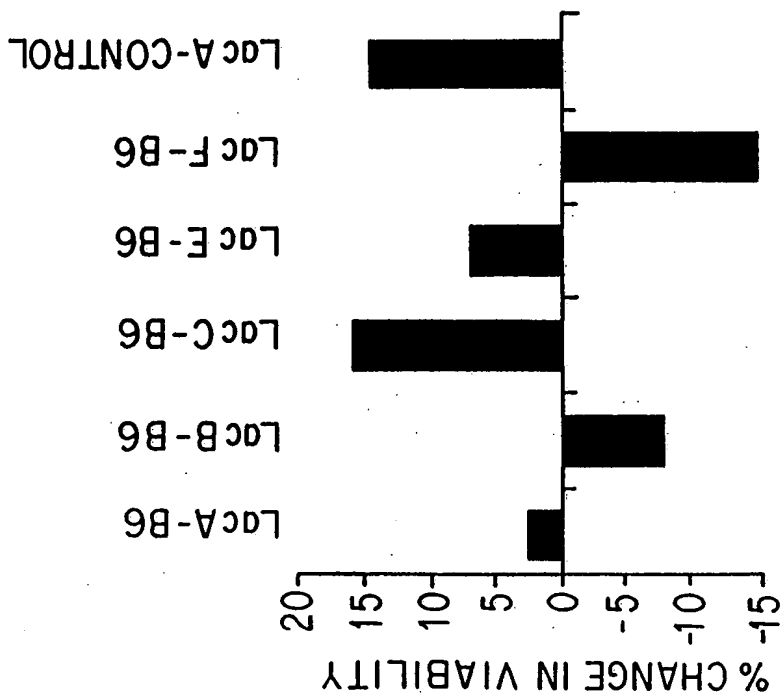


FIG. 9B

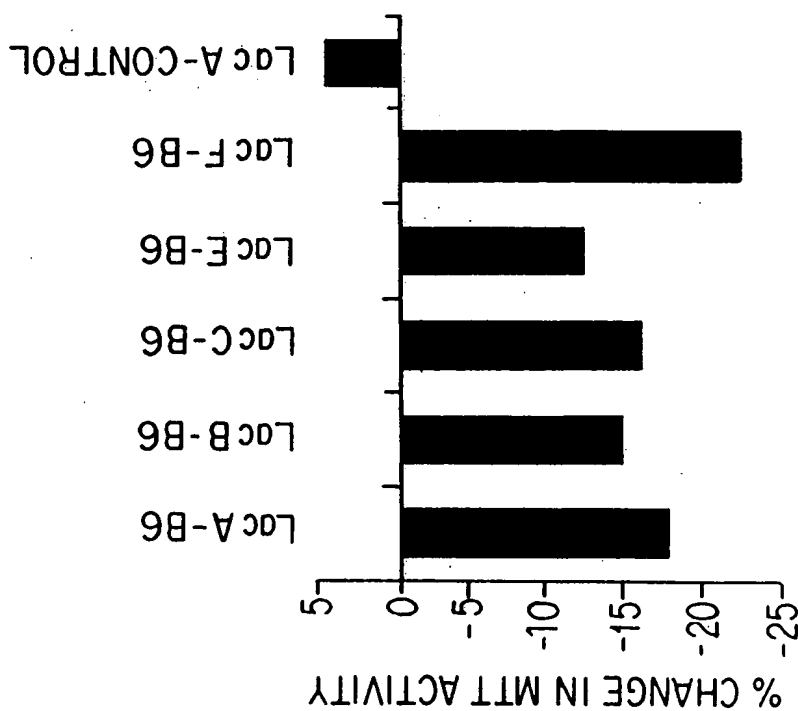


FIG. 9A

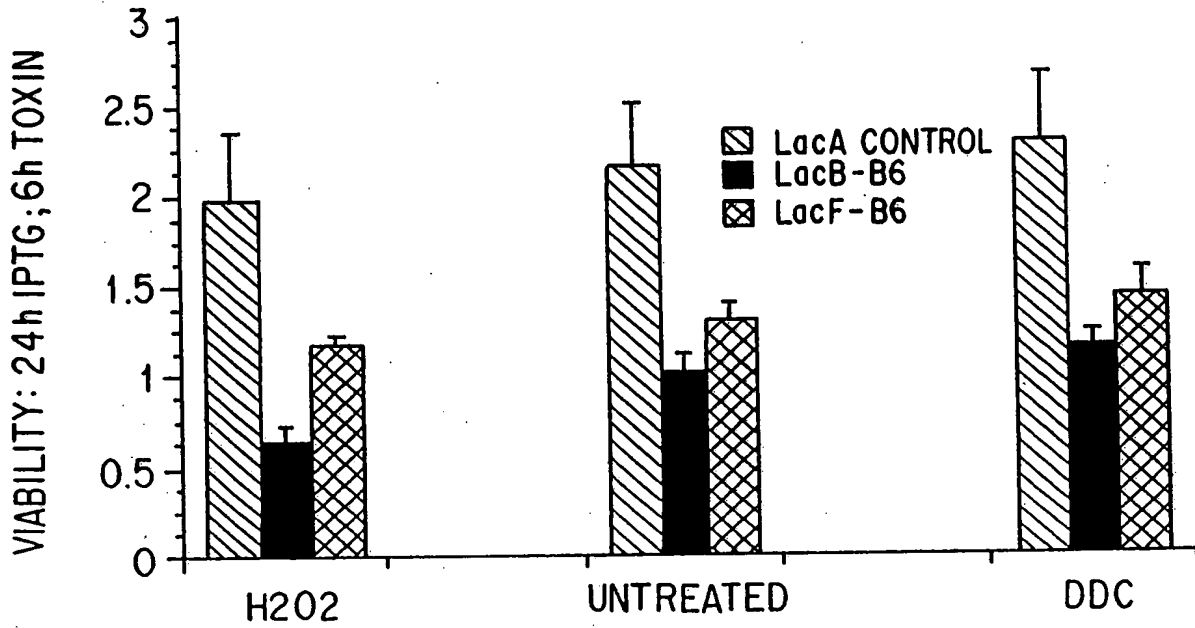


FIG. 10A

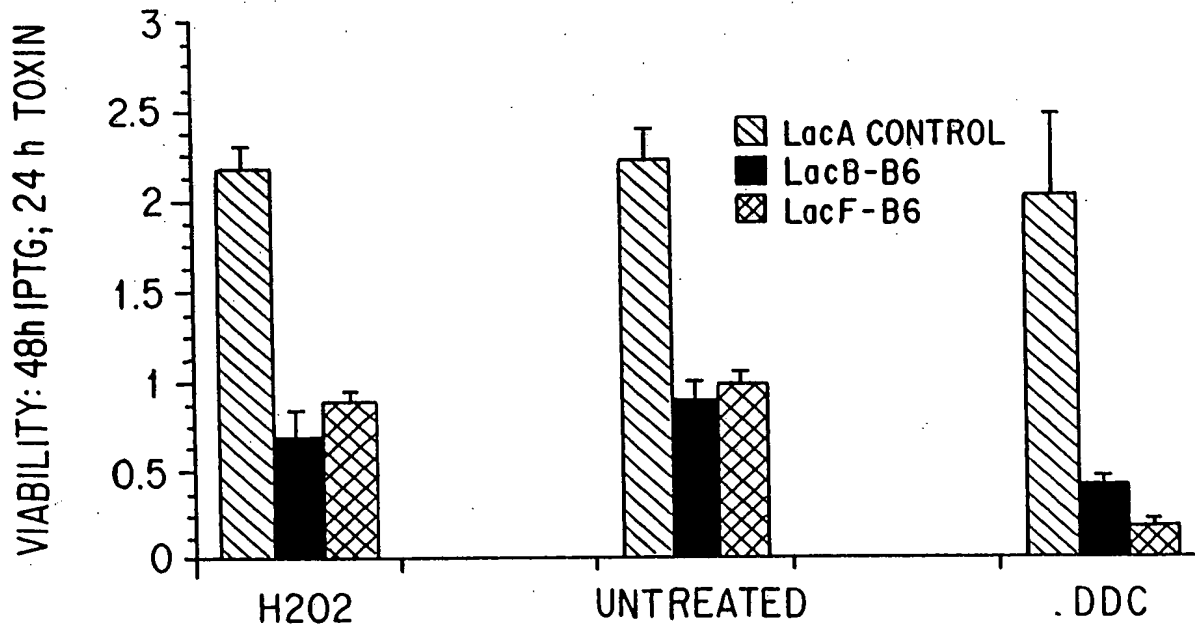


FIG. 10B

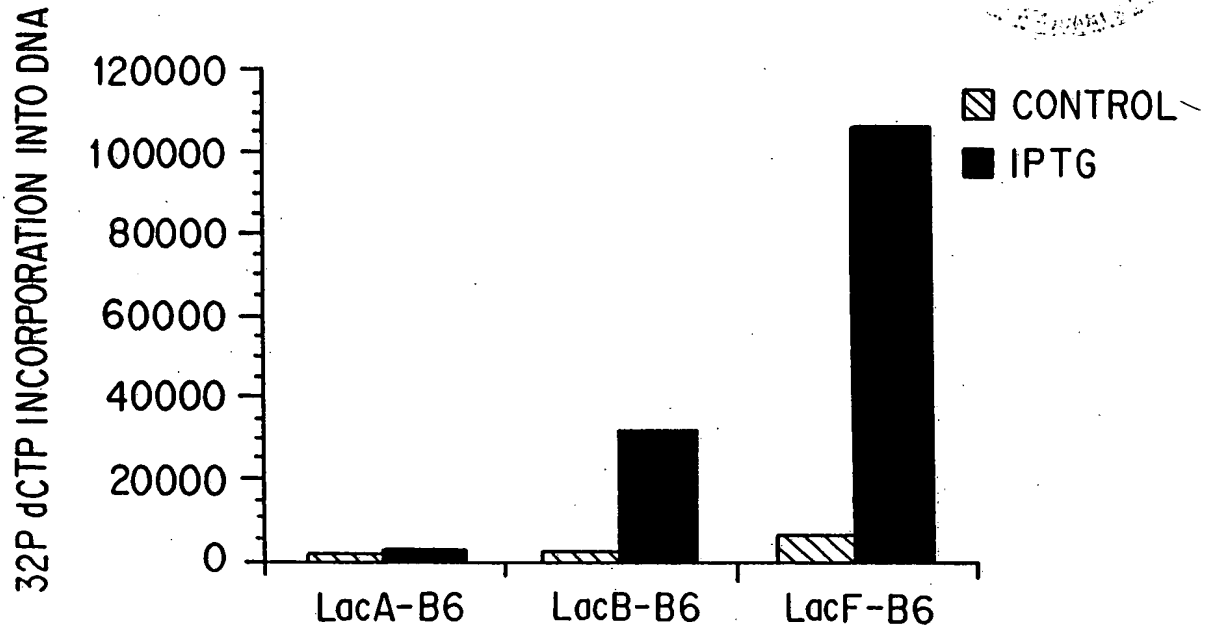


FIG. 11

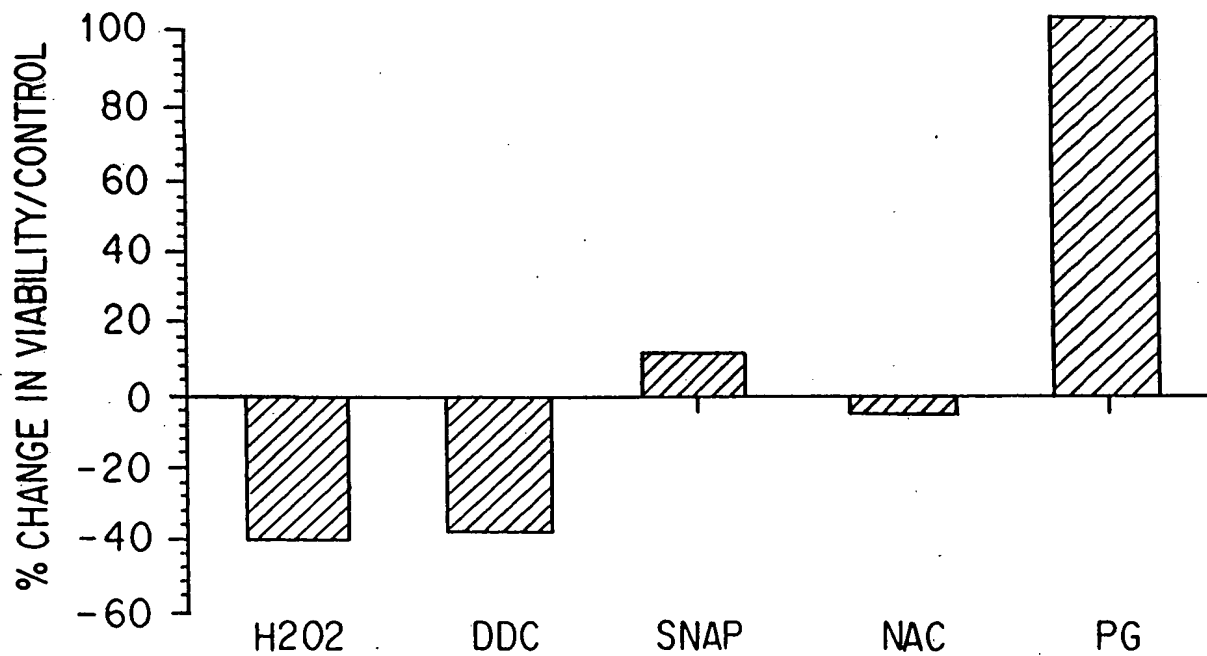


FIG. 12